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**DISTRIBUTION
UNIT MANAGERS' MEETING,
200 AREA GROUNDWATER SOURCE OPERABLE UNITS
November 15, 2007**

DOE/RL

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EPA

Craig Cameron

B1-46

Ecology

John Price

H0-57

FH

Janice Williams (original)

E6-35

Administrative Record (2)

H6-08

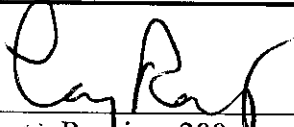
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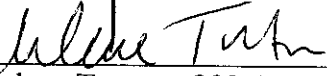
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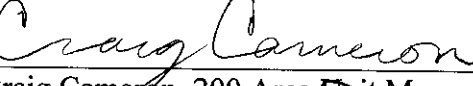
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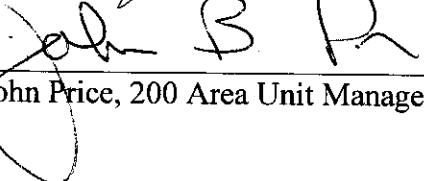
EDMC

Meeting Minutes Transmittal/Approval
Unit Managers' Meeting
200 Area Groundwater and Source Operable Units
1200 Jadwin, Richland, Washington
November 15, 2007

APPROVAL:  Date: 3-6-08
 Larry Romine, 200 Area Unit Manager, DOE/RL

APPROVAL:  Date: 3/3/08
 Arlene Tortoso, 200 Area Assistant Manager, DOE/RL

APPROVAL:  Date: 3/11/08
 Craig Cameron, 200 Area Unit Manager, EPA

APPROVAL:  Date: 3-7-2008
 John Price, 200 Area Unit Manager, Ecology

Minutes of the 200 Area Unit Managers' Meeting of November 15, 2007 are attached. Minutes are comprised of the following:

Attachment 1	Agenda
Attachment 2	Attendance Record
Attachment 3	Agreements and Issues List
Attachment 4	Action Item List
Attachment 5	Operable Units and Facilities Status
Attachment 6	200-UP-1 Uranium
Attachment 7	200-UP-1 Technetium-99
Attachment 8	299-W15-6 Carbon Tetrachloride
Attachment 9	Wells To Be Converted to Extraction Wells in FY2008 and Tied Into the ZP-1 treatment Building
Attachment 10	Technetium-99 ICP/MS Data for Ion Exchange Column at 200-ZP-1 Extraction Well 299-W15-765
Attachment 11	Technetium-99 ICP/MS Data for Extraction Well Column at 200-AP-1 Extraction Well 299-W15-44
Attachment 12	3 Narrow Diameter Vapor Extraction Wells
Attachment 13	299-E27-155 and 299-E33-344 Well Location Map
Attachment 14	Proposed N Well Location Map
Attachment 15	TPA-CN-192 - Change Notice for Modifying Approved Documents/Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records.
Attachment 16	TPA-CN-193 - Change Notice for Modifying Approved Documents/Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, Documentation and Records.

Attachment 17

TPA-CN-194 - Change Notice for Modifying
Approved Documents/Workplans In Accordance
with the Tri-Party Agreement Action Plan, Section
9.0, Documentation and Records.

Attachment 18

Email from Jay Decker: REQUEST FOR
ADVANCE APPROVAL TO INITIATE
SUPPLEMENTAL CHARACTERIZATION, dated
November 20, 2007.

200 AREA UNIT MANAGERS' MEETING DRAFT AGENDA

1200 Jadwin/Rm 1-C-1
November 15, 2007
8:30 AM

SOURCE REMEDIES AND D4

- 200-CW-3
- 200-UW-1
- Facilities (D4)
- Recap Agreements, Issues and Action Items

GROUNDWATER and SOURCE OPERABLE UNITS

- 200-UP-1, 200-CS-1 and 200-CW-1 Group
- 200-ZP-1, 200-PW-1/3/6 Group
- 200-CW-2/4/5 and 200-SC-1 Group
- 200-TW-1 and 200-PW-5 Group
- 200-TW-2 Group
- 200-PO-1, 200-PW-2/4 and 200-MW-1 Group
- 200-BP-5 and 200-LW-1/2 Group
- 200-UR-1, 200-MG-1/2 and Eco. Group
- 200-BC-1, 200-IS-1 and 200-SW-1/2 Group
- Supplemental Characterization Model Groups 2/4/6 and 5
- Recap Agreements, Issues and Action Items

200 Area Unit Managers Status Meeting
November 15, 2007

Please print clearly and use black ink

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
MARCO UOGGD	DOE	RPM	376-8089 ⁵
Dale Black	FH	TPA	376-0740
Mark Byrnes	FH	Project Mtg	373-3996
Jeanne Seaver	FH		376-3762
Craig Cameron	EPA		376-8665
L Remme	DOE	zeuA	6-4747
Laura Buelow	EPA	TW-1, EPWS	376-5466
Brian Charbonneau	DOE	.	373-6137
Glen Triner	FH	UP-1, UW-1	430-1013
Shelley Cannon	OREGON		(541) 963-0853
JOHN MONROE	DOE	OVUSG4	376-0057
Jamie Williams	FH	Facilitator	372-3553
Michael Stevens	F66	DRD	372 9078
Leon Danner	ECO		372-7930
Stewart Luttrell	GW FH	GW Mon.	6-4531
Arlene Tortoso	DOE-RL	GW	373-9631
Greg Thomas	FH	GW	373-3907
Rich Oldham	FH	ECO	322 2426
Mandy Jones	Ecology	RPM	372-7816
Mandel Cinton	F66	UR-Lead	376-6793

200 Area Unit Managers Status Meeting
November 15, 2007

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PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
Frank K Roddy	DOE/RL	Waste sites	372-0945
Thomas L. Watson	Fluor	Central Plateau	376-5450
J.S. Daker	FCG	SC-1/LW-1/2	376-4416
Virginia Rohay	FH	200-PW-1	373 3803
Ann Shattuck	FH	TW-1/2 200-PW-1	376-8750
Pick Bond	Ecology	Facilities	372-7885
Jennifer Oliver	Ecny	200-SW-2 Facilities	2-7988
Rod Lobos	EPA		
Pam Ankrum	FCG	200-MG-1/2 ECO	373-7222
Georgia Cummings	FH	200-PO-1	372-2484
Phil Rogers	FH	MCN-1/PCU-2/4	376-5807
Mike Huey	FH	200-SW-5 200-FS-1	373 3092
Mark Benedek	FH	200-BL-1	376-0002
Tina McCreane	FH	200 NORTH	376-9789
DAVE WILLIAMS	FH	MW-1, PW-2/4 PO-1 TECH	300-1555 376-3060

**Issue Resolution Meeting
Agreements and Issues List
November 15, 2007
200 Area Unit Managers' Meeting**

Agreement: TPA-CN-192 for the 200 Area BC Cribs and Trenches Waste Control Plan (SGW-34277, Rev 0) has been approved by DOE and EPA, dated 10/24/07 (**Attachment 15**).

Agreement: TPA-CN-193 for the 200-UP-1 OU Interim Action Waste Management Plan (DOE/RL-2000-51, Rev 6) has been approved by DOE and Ecology, dated 11/15/07 (**Attachment 16**).

Agreement: TPA-CN-194 for the 200-PW-1, 200-PW-3, and 200-PW-6 OUs Waste Control Plan (WMP-20501, Rev 1) has been approved by DOE and EPA dated 11/15/07 (**Attachment 17**).

Agreement: EPA gave approval to RL (via email from Craig Cameron on 11/14/07) to proceed with the supplemental field characterization activities, at risk, for 200-SC-1 (**Attachment 18**).

Issue: None Identified

Delegations for November 15, 2007 UMM meeting: Mandy Jones for John Price.

EPA	Craig Cameron
Ecology	Mandy Jones
DOE/RL	Briant Charboneau
	Larry Romine

200 Area Unit Managers' Meeting

Attachment 4

OPEN ACTION ITEM TRACKING

Action #	Action/Subject	Assigned To	Owed To	Assigned Date	Original Due Date	Adjusted Due Date	Status
80	Send report from Remedial Action Decision Making panel.	FH-Miller	ECY/EPA Price/Goswami/Cameron	10/18/06	11/16/06	2/20/08	Document has been completed but is undergoing management review. Minor editorial changes are needed - will be completed by Febuary UMM.
105	RL to send Ecology comments/resolution on the Supplemental Characterization Work Plan	RL-Foley	Ecology-Price	10/1/2007		11/30/2007	Completed-package was sent to Ecology November 30, 2007.
106	RL will transmit DQO Phase I-B Summary Report and HFEPS document, to Ecology by 12/7/07, to support the review and approval of the Work Plan for 200-SW-1.	RL-Charboneau	Ecology-Price (Ollero)	11/15/07	12/7/07		

CERCLA 5-Year Review Action Items

Action #	Action/Subject	Assigned To	Due Date	Status
13-1	Complete a data quality objective process and sampling plan to further characterize the technetium-99 groundwater plume near T Tank Farm.	Fluor Hanford		Complete
14-1	Assess treatment options to address technetium-99 near T Tank Farm.	Fluor Hanford		Complete
15-1	Complete data quality objective process and sampling plan to further characterize the high soil conductivity measurements detected at B/C cribs and trenches.	Fluor Hanford	12/1/2007	
16-1	Increase the pump size in 200-ZP-1 extraction wells 299-W15-45 and 299-W15-47.	Fluor Hanford		Complete
17-1	Evaluate expanding the soil-vapor extraction operations. Also, specifically review converting former groundwater extraction well 299-W15-32 to a soil-vapor extraction well.	Fluor Hanford		Complete
18-1	Prepare an explanation of significant difference for 200-UP-1 Interim ROD	Ecology	6/1/2008	

200 AREA UNIT MANAGERS' MEETING OPERABLE UNITS AND FACILITIES STATUS

November 15, 2007

D&D OUs

200-CW-3 EPA

- The remediation completion report for site 261-N- 7 has been approved by RL and EPA.
- Sites 216-N-7 and 216-N-5 scheduled to be seeded in November.
- SAP and RAWP revisions have been initiated to include sites 216-N-1, 4, and 6 as well as the septic systems, solid waste site, UPRs and pipelines.

Rail Car Disposition Options Study

The railroad car disposition options study is in progress.

Ecology Sites UPR 200-N-1 and UPR 200-N-2 (in Proximity to 200-CW-3)

- TPA change request (C-07-07) prepared and reviewed by DOE. This change request authorizes transfer of waste units 200-N-3, 2607-N, 2607-P, 2607-R, UPR-200-N-1 and UPR-200-N-2 from the 200-MG-1 OU to the 200-CW-3 OU and the assignment of waste units 600-285-PL, 600-286-PL and 600-287-PL to the 200-CW-3 OU.

EE/CA for Buildings 212-N, P, R

The development of the EE/CA has been initiated.

200-BC Control Area

- EE/CA – FH internal draft was issued 10/29/07 and review completed on 11/05/07. Comment incorporation expected to be complete by 11/09/07. Transmittal of EE/CA to DOE-RL planned by mid-November.
- FH preparing to meet with Umatilla and Yakama nations and the State of Oregon to discuss planned removal actions for the BCCA.
- MARSSIM Closure Strategy – FH initiating DQO development of analytical data taken to date to support overall planned survey and closure strategy.

200-UW-1 Ecology

- ROD - A meeting between the Tri-Parties was held on 10/30/07 to discuss the options for proceeding forward on a ROD to allow construction of the U-8 Barrier this fiscal year. Several options were discussed and the Tri-Parties are reaching consensus; FH expects to receive direction on a path forward this week.
- FH transmitted the technical basis documents that describe how the approach being proposed satisfies the applicable or relevant and appropriate requirements of WAC 173-340-747(8), and other State and Federal regulations and guidance to RL on 10/1/07. DOE-RL is resolving some internal comments with the WM & TF EIS modeling team. The documents are expected to be transmitted to the EPA and Ecology shortly.

- Agreement has been reached between DOE-RL, SHPO, and the tribes on the MOA for the Area C Borrow Source. Minor revisions are being made to the document, and it will be circulated for signature shortly.
- Phase II of the 241-U-361 Settling Tank sludge sampling is complete. Delays due to equipment failures caused the completion of sampling to slip to the end of September. The samples all appear to be very dense and dose rates were around 1 millirem per hour. All samples are being processed at the 222-S lab.

FACILITIES STATUS

- Completed incorporation of regulator comments on the U Plant RD/RAWP and transmitted Draft B to RL on September 25. A revised Draft B redline/strikeout to further address the ARARs related to spill response plans was resubmitted at RL's request on October 31.
- Conducted the U Canyon CDI Value Engineering/Lessons Learned facilitated workshop. Finalized report will be out in early December.

Facility Binning (No change)

200-UP-1, 200-CS-1, 200-CW-1 OU Group

200-UP-1

(M-15-17A, 11/30/10, Feasibility Study/Proposed Plan) Ecology

- All values are trending downward after a recent spike following the start-up of the pump and treat. Well 299-W19-36 now exhibits a Tc-99 concentration of 9,700 pCi/L.
- Well 299-W19-37 contains the highest uranium values. However, the well is about to go dry, and this is probably the last sampling data we will receive.
- All other wells are below the interim RAOs of 480 µg/L and 9,000 pCi/L respectively (**Attachments 6 and 7**).
- RI/FS Work Plan:
 - Drilling began on the remaining six wells (UP-6, UP-7, UP-8, UP-9, UP-10, and UP-12) during the week of 11/09/2007.
- Tc-99 Increase @ S-Farm
 - The Tc-99 levels in well W22-44 increased from 6,440 pCi/L to 10,000 pCi/L in the last sampling (September of 2007). The derived groundwater standard is 9,000 pCi/L.
 - No data has been received yet for well 299-W23-19, it was sampled on 10/1/07.
- Pump and Treat
 - On 4/19/07, the pumps in wells W19-36 and W19-43 were restarted. Currently, the project is pumping approximately 11.4 gpm. These two wells address the higher uranium groundwater concentrations found in the area.
 - As of 10/1/07 ~ 3,300,000 gallons had been pumped to LERF Basin #43.

200-CS-1

Ecology response has not been received on the Draft B of the feasibility study and proposed plan that were submitted to Ecology on September 27, 2007. A response was expected by October 29.

Ecology has scheduled a meeting with RL/FH on November 28 to discuss basis for permitting and RCRA permit conditions for closing land-based TSD units (including those in the 200-CS-1 OU). Purpose of the meeting is also to identify any substantial issues that should be resolved before the site-wide RCRA permit is issued in draft.

Ecology has formally stated that it does not plan to implement a CERCLA ROD for CS-1. Instead, Ecology will prepare a draft RCRA Permit modification for closure of the three treatment, storage, and/or disposal units (TSDs) and integrate RCRA corrective action for the non-TSD waste site (216-S-11) with the 216-S-10 Pond and Ditch TSD.

RL has legal requirements regarding radionuclide contaminants and all chemical contaminants, as well as NEPA that are not met by Ecology's proposed regulatory pathway. RL is agreeable to further discussions with Ecology about regulatory solutions that allow the Tri-Parties to meet their legal obligations.

Ecology has asked that the 200-CS-1 issue be placed on the IAMIT Agenda.

200-CW-1

(M-015-38B, 5/31/09, Feasibility Study/Proposed Plan) Ecology

- **Model Group 5 SAP**
 - The MG-5 (200-CW-1) SAP, Rev 0, is scheduled to be transmitted to Ecology/EPA by December 10, 2007, for approval. The Rev 0 is the result of a successful series of meetings between RL/FH and Ecology to address and resolve Ecology's comments on Draft A.
 - Delays in gaining approval of the SAP have delayed starting field activities.

200-ZP-1, 200-PW-1/3/6 OU Group

200-ZP-1

(M-15-48B, 9/30/07, Feasibility Study/Proposed Plan) EPA

- Remediation Treatment Status:
 - Between October 1, 2007 and October 28, 2007 the 200-ZP-1 pump-and-treat system average pumping rate was approximately 248 gpm.
 - Four of the ten 200-ZP-1 extraction wells were taken off line for several days near the end of October and for one day the first week of November to support CHG's resistivity surveys being performed by the TX-TY Tank Farm.
 - Trend data for carbon tetrachloride in well 299-W15-6 showed no significant changes from previous months (**Attachment 8**).

- Nine GAC canisters were shipped to Arizona last week for regeneration.
 - The two T Tank Farm extraction wells (299-W11-45 and 299-W11-46) continue to pump water to ETF at around 47 gpm.
 - The detailed evaluation of the most promising GAC alternative is complete and currently being distributed.
 - An SAI (SGW-35620) was recently prepared to sample to determine how RAD is getting to GAC.
 - The four selected wells to be converted to extraction well in FY2008 and tied into the ZP-1 treatment building are shown on **Attachment 9**.
 - Wells W15-1, W15-7, and W15-11 easily produced 40 gpm each but significant sediment was pulled in. These wells are scheduled to be thoroughly re-developed in the next few months. If this does not help sedimentation problem a telescoping screen will need to be inserted that will impact performance.
- RI/FS Status:
 - FS and PP Report:
 - Draft A reports are out for EPA review. EPA requested an extension until November 21, 2007.
- Tc-99 Investigation Status:
 - T Tank Farm Investigations:
 - T-4 and T-5 wells are done.
 - The analytical results from the T-4 and T-5 wells will be evaluated over the next few months and a DQO summary report will be prepared to determine where the next T-wells should be positioned.
 - Purolite Resin Treatability Testing (**Attachments 10 and 11**):
 - Well 299-W15-765 is gradually showing more breakthroughs, but is only about 25% of the MCL. Well 299-W15-44 is also now showing breakthrough.
 - The skids have been winterized to allow them to run several more months.
 - On October 15, 2007 FH received concurrence from EPA and RL to reduce the sampling frequency specified in DOE/RL-2006-64, Rev. 0 to once per week as opposed to twice per week.
 - A sample of the first purolite resin canister at W15-765 will be collected in the next few weeks to evaluate disposal options.

200-PW-1, 200-PW-3, & 200-PW-6

(M-15-45B, 9/30/07, Feasibility Study/Proposed Plan) EPA

- The PW-1/3/6 FS and PP comments from EPA are due November 21, 2007.
- Received direction to quantitatively evaluate two tribal scenarios (CTUIR and Yakama Nation) in the risk assessment.
- Soil Vapor Extraction System (SVE):
 - The SVE system was shutdown for the winter on 10/1/07.
 - The passive systems remain operational.

- Monthly monitoring results for October 2007 for the three narrow diameter wells south of 216-Z-9 are shown in **Attachment 12**. Carbon tetrachloride concentrations in two wells (299-W18-165 and 299-W18-167) within the 216-Z-1A Tile Field were 180-190 ppmv, which is higher than concentrations measured during previous monitoring in FY07 (maximum of ~ 3 ppmv), but consistent with results from FY06 (maximum of 174-394 ppmv). Carbon tetrachloride concentrations in the other wells and probes monitored during October 2007 were consistent with previous results.

200-CW-5 & 200-SC-1 OU Group

200-CW-5

(M-15-40D, 7/31/08, Feasibility Study/Proposed Plan) EPA

TPA change packages M-15-07-01 and M-15-07-03 were signed by EPA.

Change package M-15-07-01 removes 200-CW-2, 200-CW-4 and 200-SC-1 from the M-15-40D milestone and establishes milestone M-15-40E to submit a FS and PP for the 200-SC-1 OU.

Change package M-15-07-03 modified the milestone M-15-40D. A new submittal date for the FS and PP was established to allow additional analysis of exposure point concentrations at the Z-ditches.

200-SC-1

(M-15-40E, 12/31/10, Feasibility Study/Proposed Plan for 200-SC-1) EPA

- **Supplemental Characterization** – A letter was transmitted to EPA that requested approval to begin supplemental characterization field activities described in the Site Specific Field Sampling Plans in Addendum 1 (08-AMCP-0011), however, the letter is being revised and will be resent. Therefore EPA gave approval via email that concurs with RL's request to start work at risk.

200-TW-1 & 200-PW-5 OU Group

200-TW-1 & 200-PW-5 (No change)

(M-15-42D, 12/31/11, Feasibility Study/Proposed Plan for TW-1 & PW-5) EPA

200-TW-2 OU Group

200-TW-2 (No change)

(M-15-42E, 12/31/11, Feasibility Study/Revised Recommended Remedy(ies) for TW-2) Ecology

200-PO-1, 200-PW-2/4, 200-MW-1 OU Group

200-PO-1

(M-13-10A, 9/30/07, RI/FS Work Plan) Ecology

- Work Plan & Characterization SAP
RL transmitted the 200-PO-1 RI/FS Work Plan (DOE/RL-2007-31, Draft A) document to Ecology on 8/31/07 in completion of M-013-10A milestone. Ecology has requested a 30 day extension to review and comment through 11/30/07.
- Integration
Groundwater sample results are being received from the 216-A-2 Crib borehole. And 44 constituents were analyzed. Thus far, two constituents appear to be elevated, nitrate and manganese. Nitrate is within expected values in this area at 70K ug/L. Manganese at 119 ug/L is often elevated in groundwater samples from new boreholes.

200-PW-2 & 200-PW-4

(M-15-43D, 12/31/10, Feasibility Study and Revised Recommended Remedy(ies)) Ecology

- Contractor is planning to shoot several surface electrical resistivity lines in the area south of Purex.
- Plan on starting SAP preparation in December for two high-risk boreholes scheduled for drilling next summer.

200-MW-1

(M-15-44B, 12/31/08, Feasibility Study/Proposed Plan) EPA

- Drilling the high-risk borehole in the 216-A-2 Crib has been completed and the borehole is currently being decommissioned.
- Work continues on the mini-RI for the supplemental investigations.

200-BP-5 & 200-LW-1/2 OU Group

200-BP-5

(M-13-06B, 3/31/07, RI/FS Work Plan, Completed) EPA

(M-15-21A, 10/31/10, Feasibility Study/Proposed Plan) EPA

Drilling:

- Cable tool drilling was completed at well 299-E27-155/C5852, located southwest of the WMA C October 26th (see Figure 1).
 - Split spoon samples collected from the following depths:
 - Monday 10-15-07: 284.5'-287' bgs
 - Tuesday 10-16-07: 287'-289.5' and 292'-294.5' bgs
 - Thursday 10-18-07: 302.2'-304.7' and 304.9'-307.4' bgs
 - Friday 10-19-07: 311.4'-313.9' bgs
 - Tuesday 10-23-07: 322-324.5' and 324.2-326.8' bgs
 - Wednesday 10-24-07: 332'-334.5' bgs

- Groundwater samples collected from the following depths:
 - Tuesday 10-16-07 from 292' bgs
 - Friday 10-19-07 from 307.5' bgs
 - Wednesday 10-24-07 from 327.5' bgs
 - Friday 10-26-07 from 332' bgs.
- Drilling of well 299-E33-344/C5859 is scheduled to start later this month (**see Figure 1, Attachment 13**).
- Drilling activities of well 699-52-55A/C5861 located north of the 200 East Area began the week of November 12th (**see Figure 2, Attachment 14**).

Waste Control Plan: DOE/RL-2003-30, Rev. 3 was approved and released by FH end of October.

Groundwater SAP: DOE/RL-2001-49, Rev 2 is in progress.

Groundwater Annual Report: for FY 2007 is in progress.

200-LW-1/200-LW-2

(M-15-46B, 12/31/11, Feasibility Study/Recommended Remedy) Ecology

- No new items to report.

200-UR-1, 200-MG-1/2 & ECO OU Group

200-UR-1

- Radiological surveys for the eastern portion of the BC Control Area began first week of November 2007.
- West Lake DQO summary report FH-RL review workshop completed on November 2, 2007.
- The TPA Appendix C change package C-07-05 to transfer 15 sites out of UR-1 draft was discussed with the Tri-Party representatives. Comments are being incorporated.

200-MG-1/200-MG-2 Model Group 1 Sites

(M-15-49A, 12/31/08, MG-1 Feasibility Study/Recommended Remedy) Ecology
(M-15-49B, 12/31/08, MG-2 Feasibility Study/Proposed Plan) EPA

- A meeting was held with regulators to discuss waste site categorization approach, proposed FS outline, and project schedule. General consensus was achieved on project approach and FS content.
- A meeting was held with regulators to discuss the project sampling/analysis approach on 10/30/07. The approach includes grouping of sites for final closure documentation. The general approach was found to be reasonable, but additional details will be needed prior to final commitment.
- Meetings with regulators are planned for November to discuss general approach to PRGs/RAGs development and alternatives analysis.
- Development of Feasibility Studies for 200-MG-1/2 Waste Sites is in process.

- Reassignments of select sites into 200-MG-1/2 are being accomplished via TPA Change Requests.

Ecological Risk Assessment

- The Environmental Risk Assessment (ERA) Report Decisional Draft was submitted to RL on 10/23/07. A management and staff briefing was given to RL on the significance of the ERA and the findings of the risk assessment on 10/29/07.
- ERA Draft A is planned for transmittal to regulators by 2/14/08.
- A risk assessment results workshop is being planned for January 2008 with the Tribal participants and external stakeholders. Invitations will be sent in the near future.

200-BC-1, 200-IS-1, 200-SW-1/2 OU Group

200-BC-1

(M-15-51, 4/30/10, Feasibility Study/Proposed Plan) EPA

- Updated DQO and SAP addressing electrical resistivity correlation have been prepared that address EPA comments on the Draft A documents. Submittal of Rev. 0 to EPA anticipated 11/09/2007.
- EPA approved SAP for Phase I of the excavation-based treatability test on 6/28/07. Installation of DPT holes and logging associated with Phase I of the excavation-based treatability test is completed. Soil samples were collected; results expected at the beginning of December.
- Draft A of the Treatability Test Plan, including SAP, was transmitted to EPA 6/18/07. Update reflecting the TPA Change Notice #181 was informally provided to EPA to facilitate their review. Rev. 0 document currently undergoing FH review/approval prior to submittal to RL and EPA.

200-IS-1

(M-13-27, 6/30/07, RI/FS Work Plan) Ecology

- Received Ecology comments October 25, 2007.
- Conducted comment clarification meeting with Ecology November 5, 2007. DOE, FH and CHG attended.
- Comment responses underway.

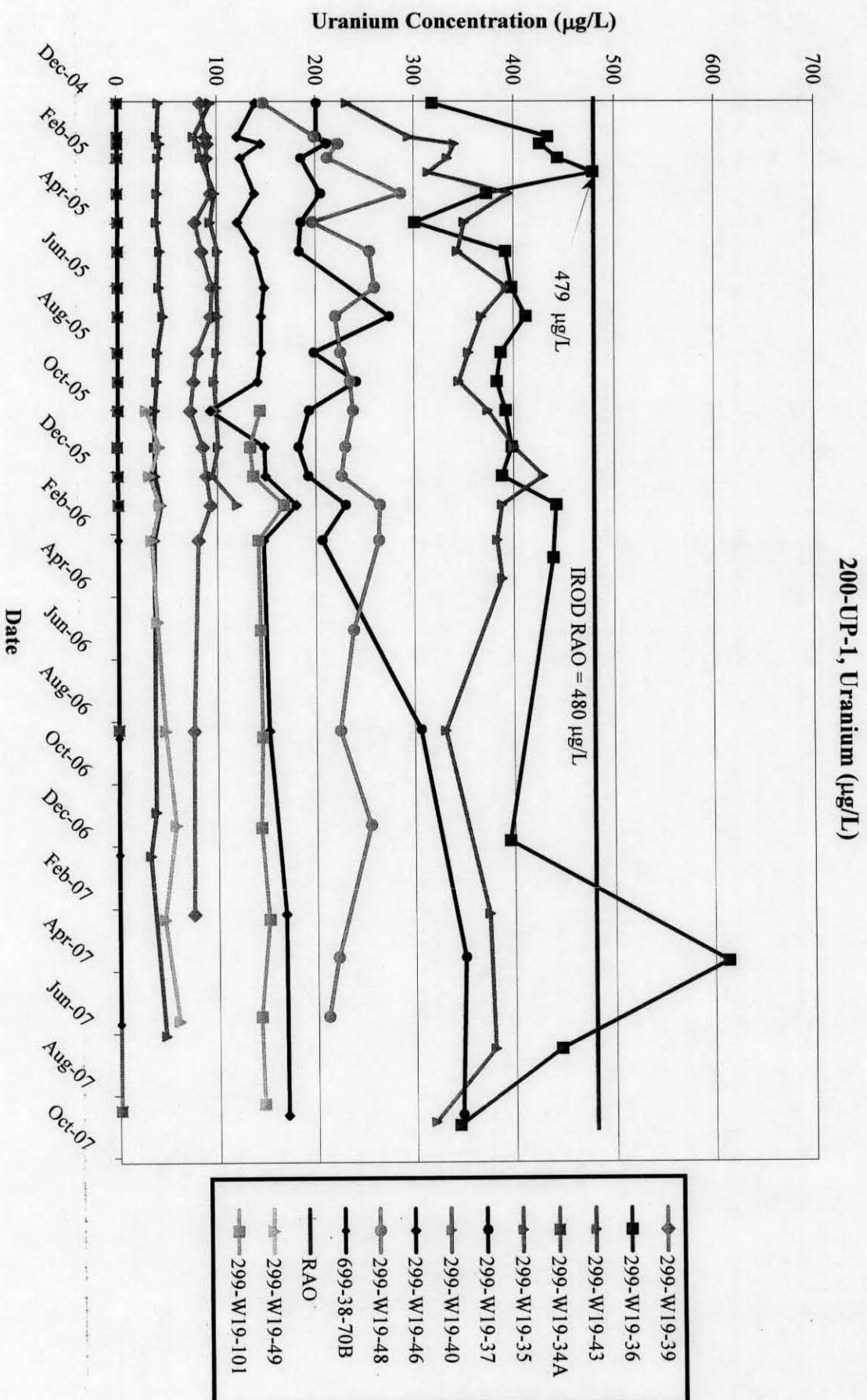
200-SW-1/2

(M-13-28, 9/30/07, RI/FS Work Plan) Ecology

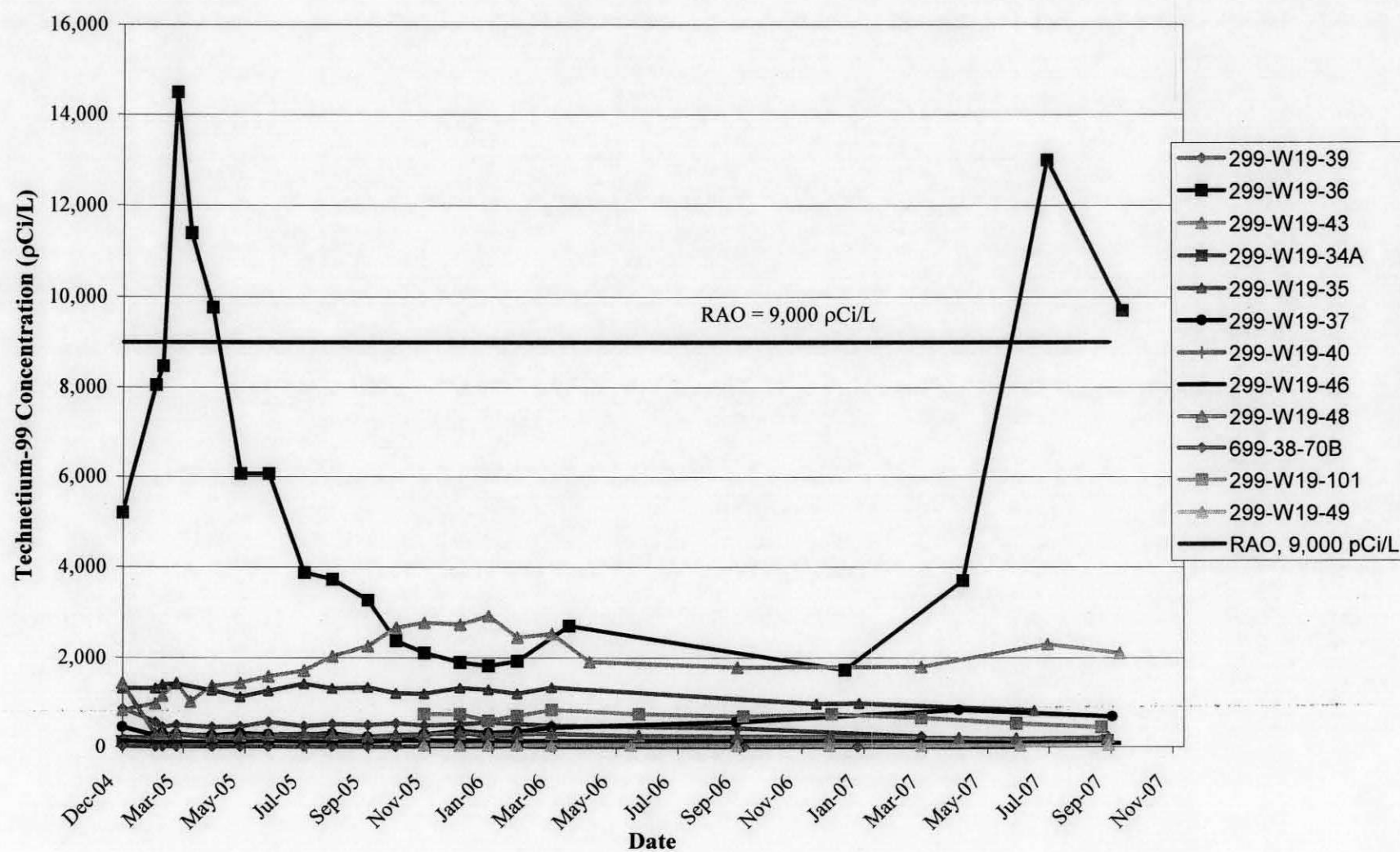
- The 200-SW-1 and 200-SW-2 OU RI/FS Work Plan (Draft B) was approved by DOE-RL and delivered to Ecology on September 28, 2006 (meeting TPA Milestone M-013-28). Ecology's review of the Work Plan and SAP is underway.

Supplemental Characterization

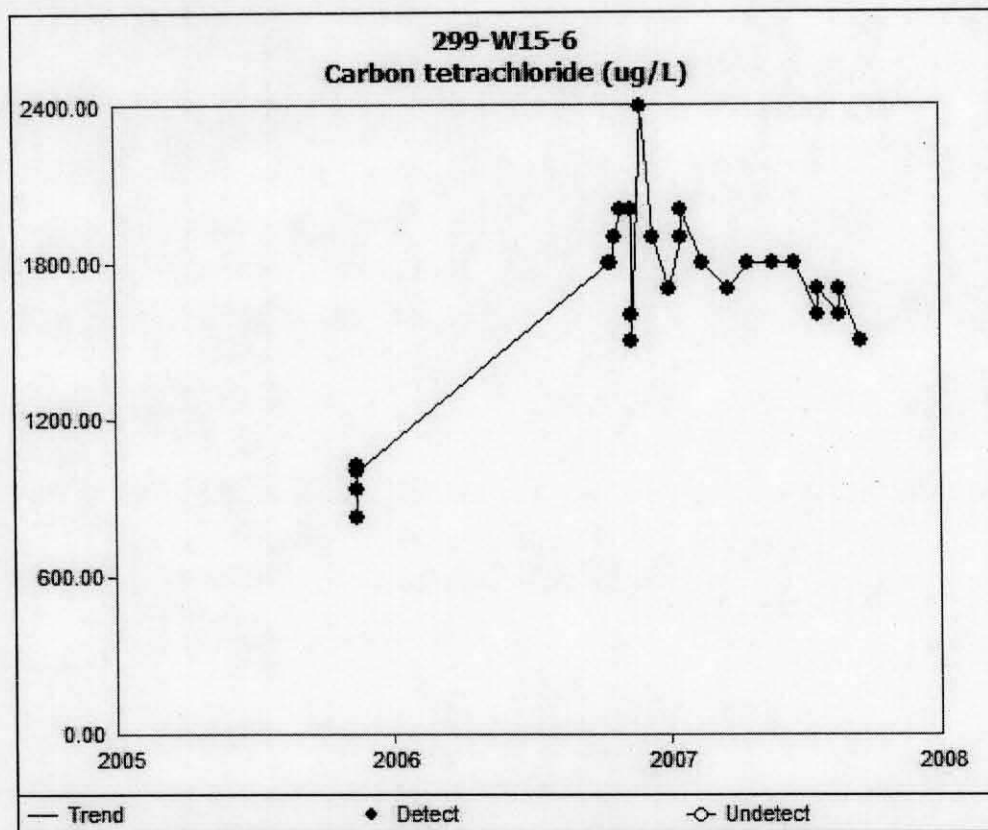
- The Supplemental RI/FS Work Plan, Rev 0, Volumes I and II, is scheduled to be transmitted to EPA and Ecology by November 30, 2007 for approval. Revision 0 is the result of a successful series of meetings between RL/FH and EPA and Ecology to resolve comments received on Draft A. Volume II contains waste sites in the 200-CS-1 OU, and will be revised over time to include waste sites from additional OUs located on the Central Plateau.

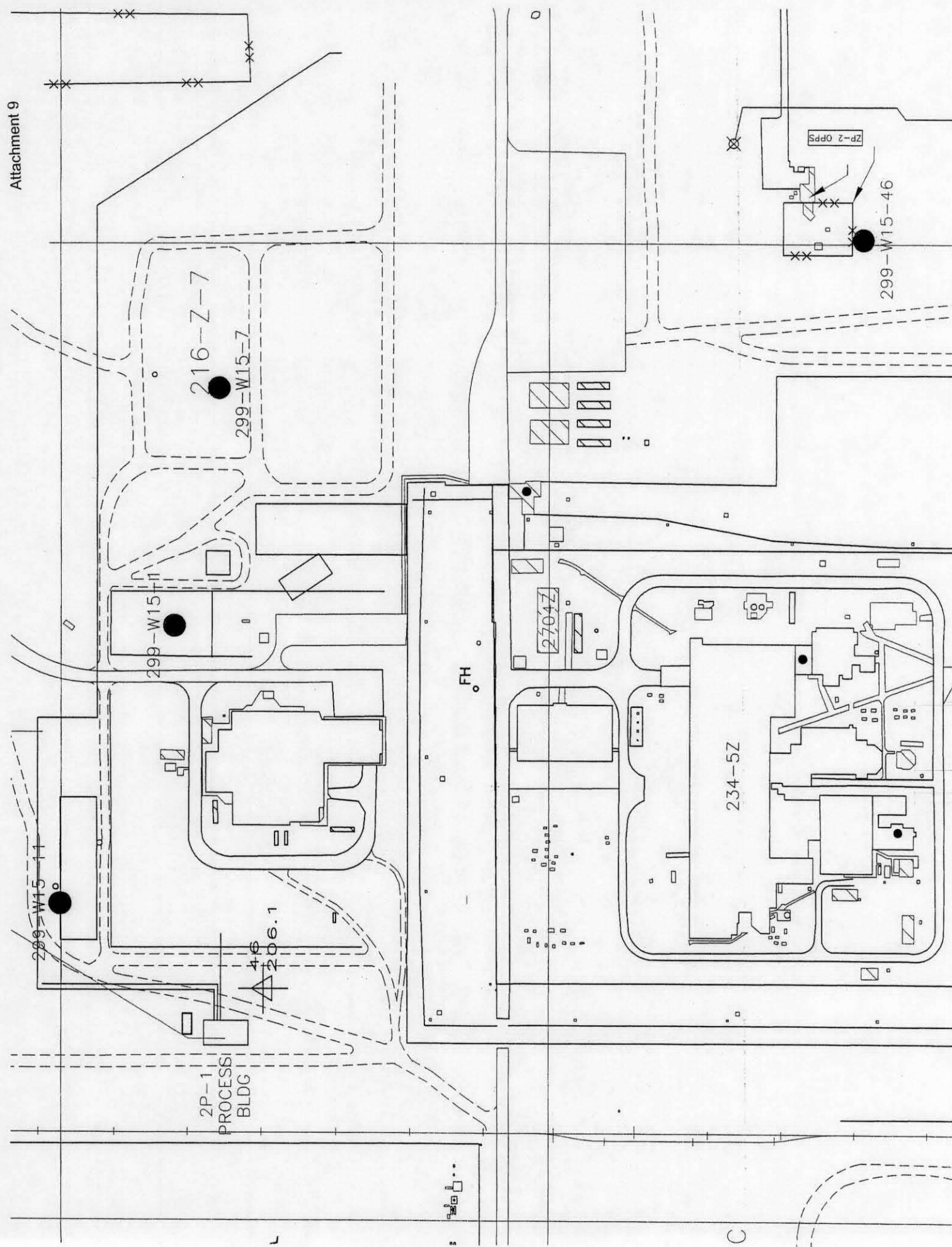


200-UP-1, Technetium-99 (pCi/L)

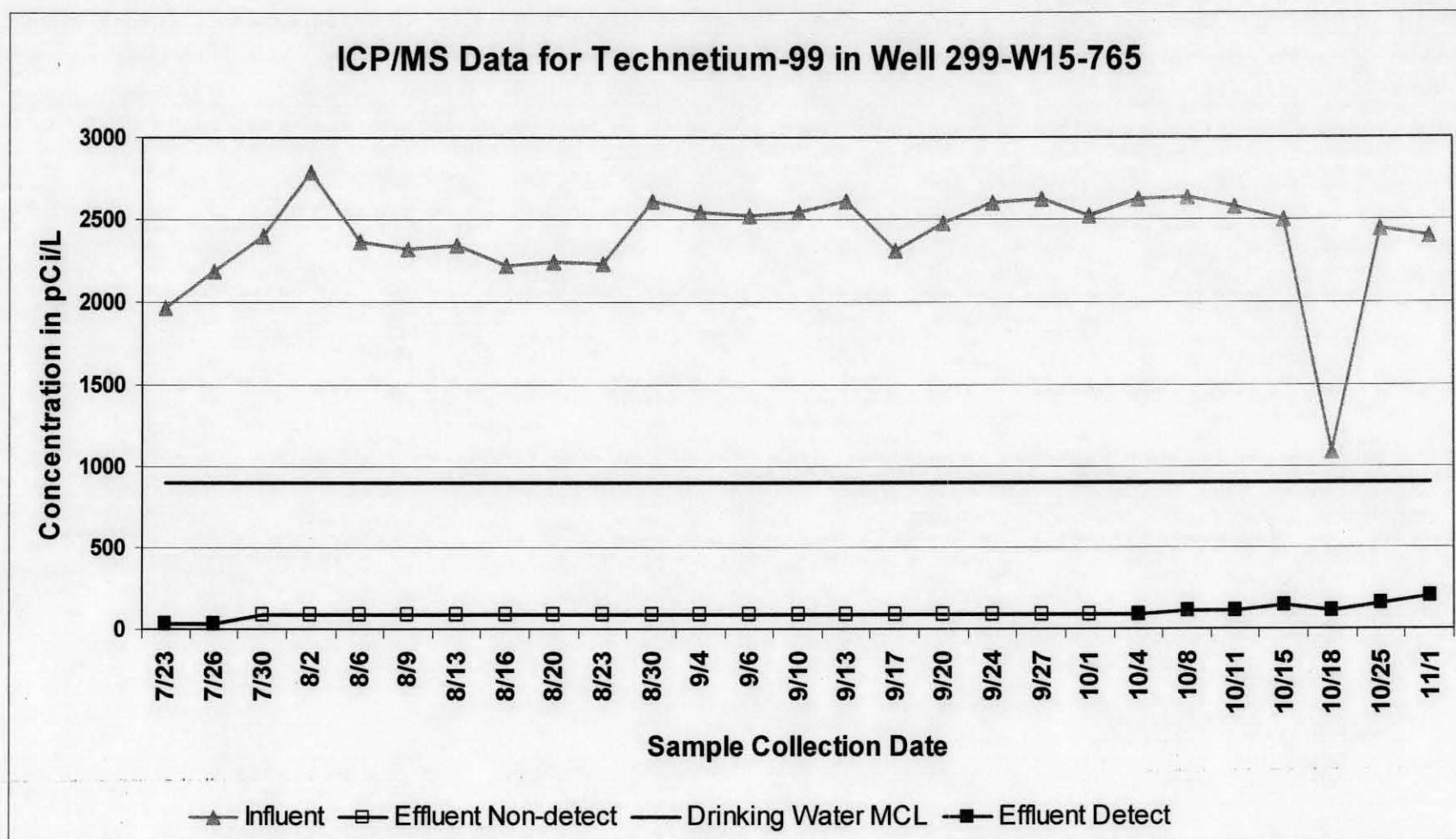


Attachment 8

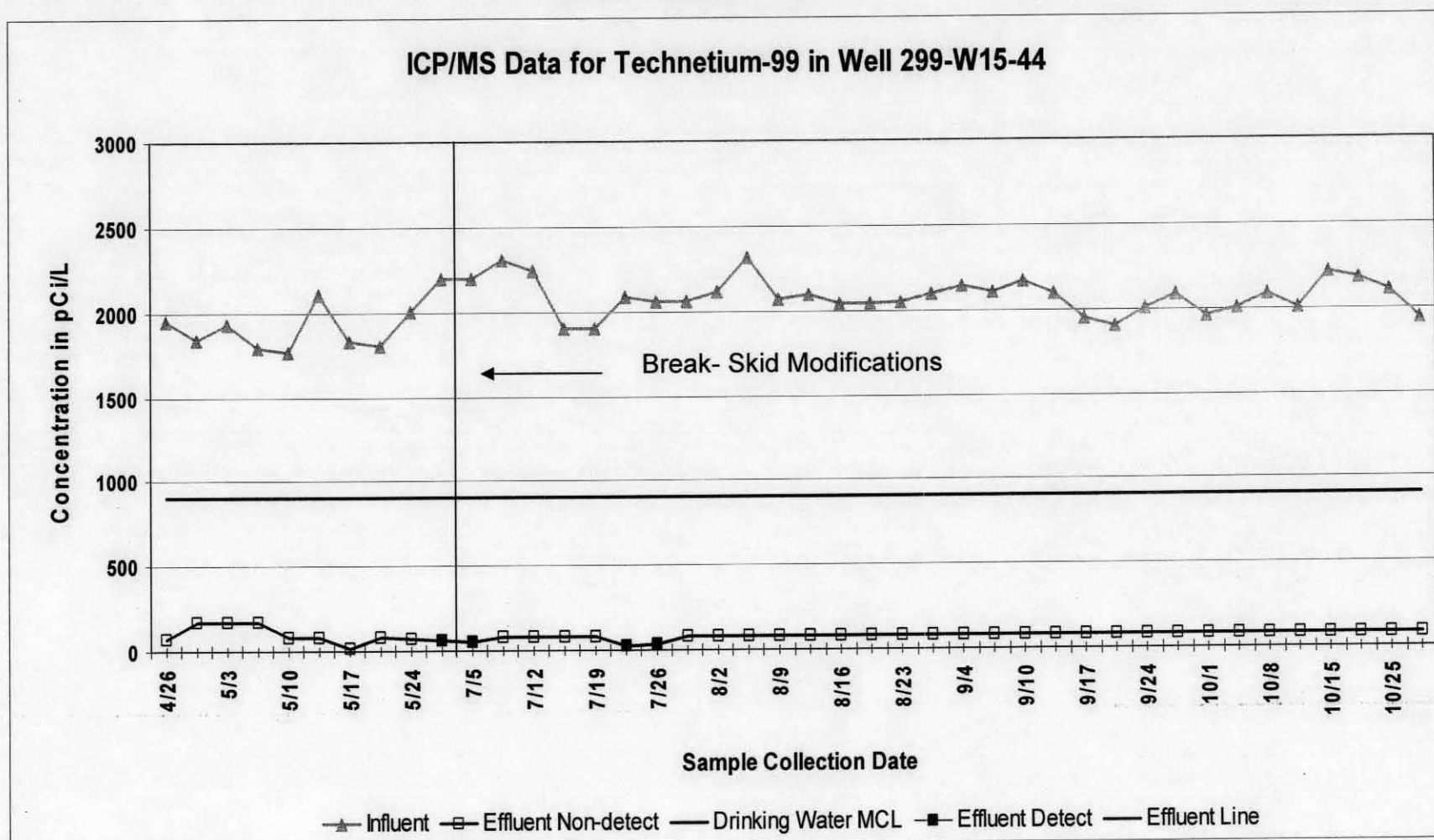




Technetium-99 ICP/MS Data for Ion Exchange Column at 200-ZP-1 Extraction Well 299-W15-765



Technetium-99 ICP/MS Data for Ion Exchange Column at 200-ZP-1 Extraction Well 299-W15-44



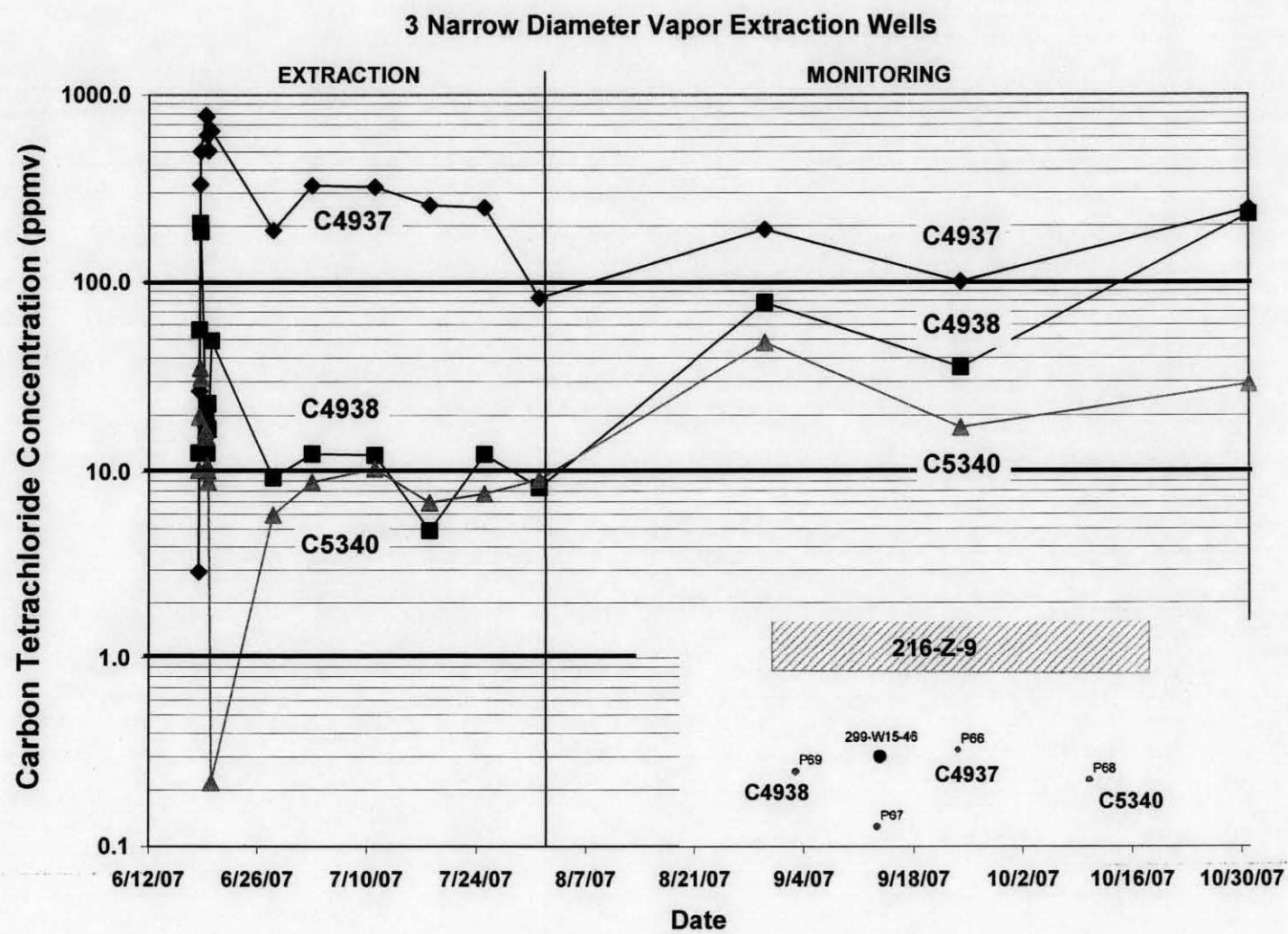


Figure 1: 299-E27-155 and 299-E33-344 Well Location Map.

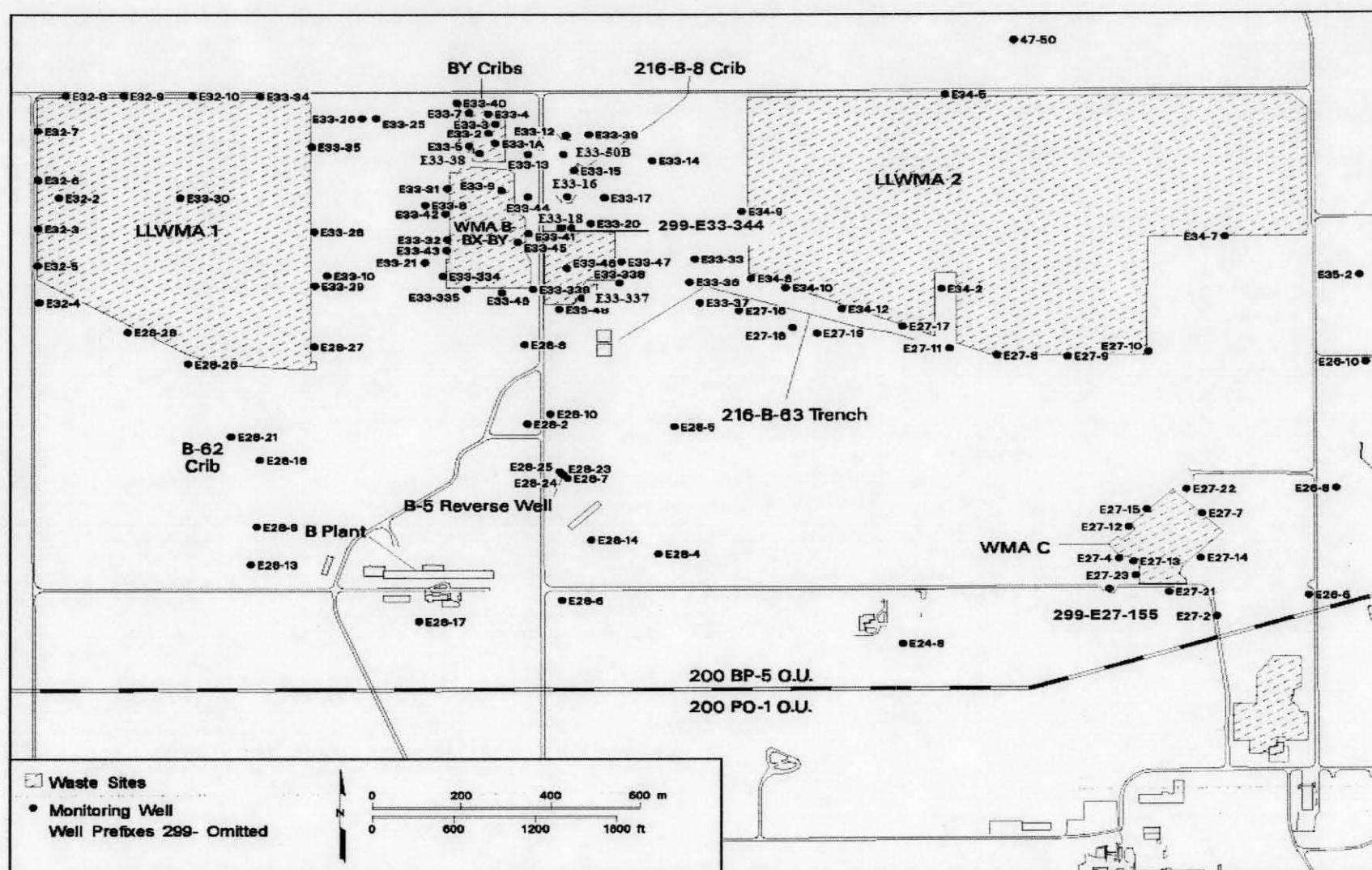
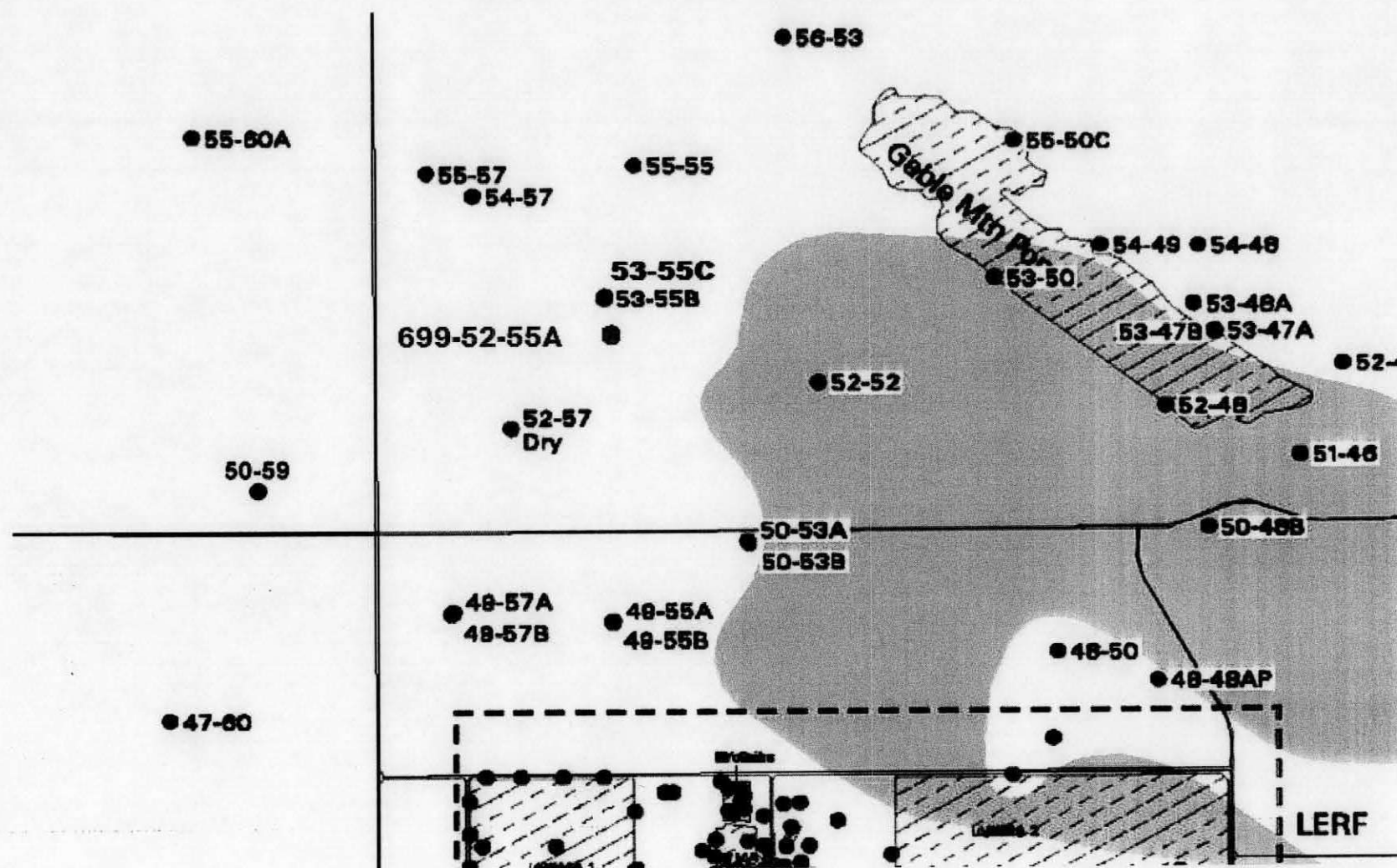


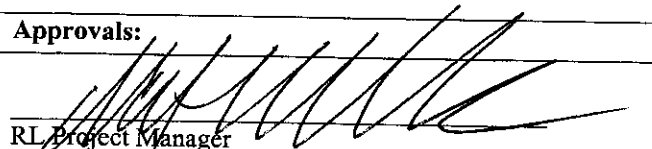
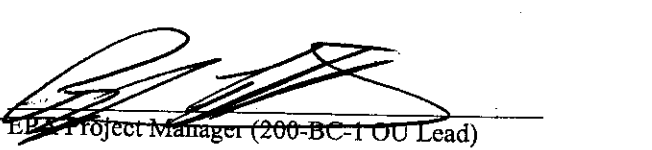
Figure 2 Proposed N Well Location Map.



Attachment 15, Figure 1



**Change Notice for Modifying Approved Documents/ Workplans
In Accordance with the Tri-Party Agreement Action Plan,
Section 9.0, Documentation and Records**

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-192	N/A	10/24/2007	
Document Number and Title: SGW-34277, Rev. 0, Waste Control Plan for the BC Cribs and Trenches Area in the 200-BC-1 Operable Unit		Date Document Last Issued: July 2007	
Originator: B. L. Foley		Phone: 376-7087	
Description of Change: Update Table 3 to expand to increase number of direct push technology holes.			
<p>2nd <u>H. S. McCormick</u> and <u>R. Lobos</u> agree that the proposed change modifies an approved <u>D. A. Brockman</u> RL Lead Regulatory Agency</p> <p>workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>.</p> <p>Table 3 provides a listing of the well identification numbers for the direct pushes in the cribs and trenches (per DOE/RL-2007-14, Rev. 1, <i>Sampling and Analysis Plan for Phase 1 of the BC Cribs and Trenches Area Waste Sites Excavation-Based Treatability Test</i>) identified on Figure 1 of the Waste Control Plan for the BC Cribs and Trenches Area in the 200-BC-1 Operable Unit. 25 additional direct pushes are added to Table 3 in shaded text.</p>			
Justification and Impacts of Change:			
The direct push list update made by this change will be reflected in the next revision (Revision 1) of SGW-34277.			
Approvals:			
 RL Project Manager	<u>10-17-07</u> Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 EPA Project Manager (200-BC-1 OU Lead)	<u>10-24-07</u> Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

Attachment 15, Figure 2

Table 3. 200-BC-1 Direct Push List*.				
Area	Operable Unit	Waste Site Code	Site Type	Hanford Well ID
200 West	200-BC-1	216-B-26	Trench	C5863
200 West	200-BC-1	216-B-26	Trench	C5864
200 West	200-BC-1	216-B-26	Trench	C5865
200 West	200-BC-1	216-B-26	Trench	C5866
200 West	200-BC-1	216-B-26	Trench	C5867
200 West	200-BC-1	216-B-26	Trench	C5868
200 West	200-BC-1	216-B-26	Trench	C5869
200 West	200-BC-1	216-B-26	Trench	C5870
200 West	200-BC-1	216-B-26	Trench	C5871
200 West	200-BC-1	216-B-26	Trench	C5872
200 West	200-BC-1	216-B-26	Trench	C5873
200 West	200-BC-1	216-B-26	Trench	C5874
200 West	200-BC-1	216-B-26	Trench	C5875
200 West	200-BC-1	216-B-26	Trench	C5876
200 West	200-BC-1	216-B-26	Trench	C5877
200 West	200-BC-1	216-B-26	Trench	C5878
200 West	200-BC-1	216-B-26	Trench	C5879
200 West	200-BC-1	216-B-26	Trench	C5880
200 West	200-BC-1	216-B-26	Trench	C5881
200 West	200-BC-1	216-B-26	Trench	C5882
200 West	200-BC-1	216-B-26	Trench	C5883
200 West	200-BC-1	216-B-26	Trench	C5884
200 West	200-BC-1	216-B-26	Trench	C5885
200 West	200-BC-1	216-B-26	Trench	C5886
200 West	200-BC-1	216-B-26	Trench	C5887
200 West	200-BC-1	216-B-26	Trench	C5888
200 West	200-BC-1	216-B-26	Trench	C5889
200 West	200-BC-1	216-B-26	Trench	C5890
200 West	200-BC-1	216-B-26	Trench	C5891
200 West	200-BC-1	216-B-26	Trench	C5892
200 West	200-BC-1	216-B-26	Trench	C5893
200 West	200-BC-1	216-B-26	Trench	C5894
200 West	200-BC-1	216-B-26	Trench	C5895
200 West	200-BC-1	216-B-26	Trench	C5896
200 West	200-BC-1	216-B-26	Trench	C5897
200 West	200-BC-1	216-B-26	Trench	C5898
200 West	200-BC-1	216-B-26	Trench	C5899

Attachment 15, Figure 3

Table 3. 200-BC-1 Direct Push List*.				
Area	Operable Unit	Waste Site Code	Site Type	Hanford Well ID
200 West	200-BC-1	216-B-26	Trench	C5900
200 West	200-BC-1	216-B-26	Trench	C5901
200 West	200-BC-1	216-B-26	Trench	C5902
200 West	200-BC-1	216-B-26	Trench	C5903
200 West	200-BC-1	216-B-26	Trench	C5904
200 West	200-BC-1	216-B-26	Trench	C5905
200 West	200-BC-1	216-B-26	Trench	C5906
200 West	200-BC-1	216-B-26	Trench	C5907
200 West	200-BC-1	216-B-26	Trench	C5908
200 West	200-BC-1	216-B-26	Trench	C5909
200 West	200-BC-1	216-B-26	Trench	C5910
200 West	200-BC-1	216-B-26	Trench	C5911
200 West	200-BC-1	216-B-26	Trench	C5912
200 West	200-BC-1	216-B-26	Trench	C5913
200 West	200-BC-1	216-B-26	Trench	C5914
200 West	200-BC-1	216-B-26	Trench	C5915
200 West	200-BC-1	216-B-26	Trench	C5916
200 West	200-BC-1	216-B-26	Trench	C5917
200 West	200-BC-1	216-B-26	Trench	C5918
200 West	200-BC-1	216-B-26	Trench	C5919
200 West	200-BC-1	216-B-26	Trench	C5920
200 West	200-BC-1	216-B-26	Trench	C5921
200 West	200-BC-1	216-B-26	Trench	C5922
200 West	200-BC-1	216-B-26	Trench	C6106
200 West	200-BC-1	216-B-26	Trench	C6107
200 West	200-BC-1	216-B-26	Trench	C6108
200 West	200-BC-1	216-B-26	Trench	C6109
200 West	200-BC-1	216-B-26	Trench	C6110
200 West	200-BC-1	216-B-26	Trench	C6111
200 West	200-BC-1	216-B-26	Trench	C6112
200 West	200-BC-1	216-B-26	Trench	C6113
200 West	200-BC-1	216-B-26	Trench	C6114
200 West	200-BC-1	216-B-26	Trench	C6115
200 West	200-BC-1	216-B-26	Trench	C6116
200 West	200-BC-1	216-B-26	Trench	C6117
200 West	200-BC-1	216-B-26	Trench	C6118
200 West	200-BC-1	216-B-26	Trench	C6119

Attachment 15, Figure 4

Table 3. 200-BC-1 Direct Push List*.				
Area	Operable Unit	Waste Site Code	Site Type	Hanford Well ID
200 West	200-BC-1	216-B-26	Trench	C6120
200 West	200-BC-1	216-B-26	Trench	C6121
200 West	200-BC-1	216-B-26	Trench	C6122
200 West	200-BC-1	216-B-26	Trench	C6123
200 West	200-BC-1	216-B-26	Trench	C6124
200 West	200-BC-1	216-B-26	Trench	C6125
200 West	200-BC-1	216-B-26	Trench	C6126
200 West	200-BC-1	216-B-26	Trench	C6127
200 West	200-BC-1	216-B-26	Trench	C6128
200 West	200-BC-1	216-B-26	Trench	C6129
200 West	200-BC-1	216-B-26	Trench	C6130

* See Figure 1 for 216-B-26 trench location.

Attachment 16, Figure 1



**Change Notice for Modifying Approved Documents/ Workplans
In Accordance with the Tri-Party Agreement Action Plan,
Section 9.0, Documentation and Records**

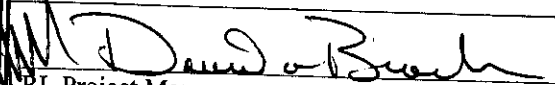
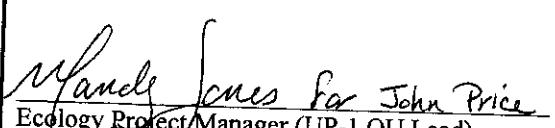
Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-193	N/A	11/___/07	
Document Number and Title: DOE/RL-2000-51, Revision 6, Interim Action Waste Management Plan for the 200-UP-1 Operable Unit		Date Document Last Issued: September 2005	
Originator: Glen Triner		Phone: 372-2426 or 521-8633	
Description of Change: Update Table A-1; 200-UP-1 CERCLA Monitoring Wells.			
<p><u>D. A. Brockman</u> and <u>J. B. Price</u> agree that the proposed change modifies an approved RL Lead Regulatory Agency</p> <p>workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>.</p> <p>Table A-1 provides a listing of the 200-UP-1 CERCLA monitoring wells. Table A-1 is updated to reflect actual well numbers for the boreholes that were planned as UP-1 through UP-12 and to delete wells that have been decommissioned.</p>			
Justification and Impacts of Change:			
The well list updates made by this change will be reflected in the next revision (Revision 7) of the waste management plan.			
Approvals:			
 RL Project Manager	11/13/07 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 Ecology Project Manager (UP-1 OU Lead)	11/15/07 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

Table A-1. 200-UP-1 CERCLA Monitoring Well List

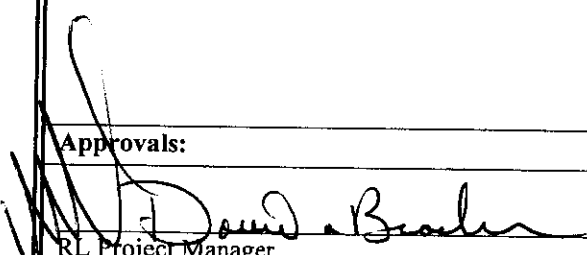

299-W14-56	299-W19-31	299-W22-23	699-35-66A
299-W14-57	299-W19-32	299-W22-26	699-35-70
299-W14-58	299-W19-34A	299-W22-28	699-35-78A
299-W15-37	299-W19-34B	299-W22-37	699-36-61A
299-W18-15	299-W19-35	299-W22-38	699-36-70A
299-W18-20	299-W19-36	299-W22-40	699-36-70B
299-W18-21	299-W19-37	299-W22-45	699-38-65
299-W18-22	299-W19-39	299-W22-46	699-38-68A
299-W18-29	299-W19-40	299-W22-47	699-38-70
299-W18-30	299-W19-43	299-W22-48	699-38-70B
299-W18-33	299-W19-46	299-W22-49	699-38-70C
299-W18-250	299-W19-47	299-W22-60	699-40-62
299-W18-251	299-W19-48	299-W22-74	699-40-65
299-W19-1	299-W19-49	299-W22-83	299-W19-104
299-W19-4	(29-W19-50) 299-W19-101 ^a	299-W23-4	299-W19-105
299-W19-5	299-W19-90	299-W23-8	299-W22-69
299-W19-7	299-W19-91	299-W23-9	299-W22-72
299-W19-20	299-W19-92	299-W23-10	299-W22-86
299-W19-26	299-W19-93	299-W23-14	699-34-72
	299-W21-1	299-W23-15	699-33-74
	299-W21-2	299-W23-16	699-33-75
	299-W22-4	299-W23-17	699-32-76
	299-W22-8	299-W23-19	699-33-76
	299-W22-9	299-W23 -21	299-W22-87
	299-W22-20	299-W26-12	299-W22-88
	299-W22-22	299-W26-13	299-W19-107
		299-W26-14	
		699-30-66	
		699-32-62	
		699-32-72A	

^a During drilling of Well 29-W19-50, a large rock was encountered that required this well to be re-drilled as 299-W19-101



Attachment 17, Figure 1

Change Notice for Modifying Approved Documents/ Workplans In Accordance with the Tri-Party Agreement Action Plan, Section 9.0, *Documentation and Records*

Change Number	Document Submitted Under Tri-Party Agreement Milestone	Date:	
TPA-CN-194	N/A	11/ /2007	
Document Number and Title: WMP-20501, Revision 1, Waste Control Plan for the Plutonium/Organic-Rich Process Condensate/Process Waste Group Operable Unit; Includes the 200-PW-1, 200-PW-3, and 200-PW-6 Operable Units		Date Document Last Issued: January 2006	
Originator: Rick Oldham		Phone: 372-2426 or 521-8633	
Description of Change: Update Table 2, List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling			
<p><u>D. A. Brockman</u> and <u>J. B. Price</u> agree that the proposed change modifies an approved RL Lead Regulatory Agency</p> <p>workplan/document and will be processed in accordance with the Tri-Party Agreement Action Plan, Section 9.0, <i>Documentation and Records</i>, and not Chapter 12.0, <i>Changes to the Agreement</i>.</p> <p>Table 2 provides a listing of the soil vapor probes for geophysical and/or soil vapor sampling. Table 2 is updated to add 99 direct push soil vapor probes to the 218-W-4C Burial Ground Trenches. The purpose of the direct push holes is to obtain soil vapor samples for characterization.</p>			
Justification and Impacts of Change:			
The update to the soil vapor probe list made by this change will be reflected in the next revision (Revision 2) of the waste control plan.			
Approvals:			
 RL Project Manager	11/13/07 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
 Ecology Project Manager EPA	11/15/07 Date	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved
		<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved

Attachment 17, Figure 2

Table 2. List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-PW-1	216-Z-1A	Crib	N/A	C3871
200W	200-PW-1	216-Z-1A	Crib	N/A	C3872
200W	200-CW-5	216-Z-1D, Z-11, Z-19	Ditches	N/A	C3873
200W	200-PW-1	216-T-19	Crib	N/A	C3874
200W	200-LW-2	216-Z-7	Crib	N/A	C3875
200W	200-SW-2	218-W-4C	Burial Ground	N/A	C4056
200W	200-SW-2	218-W-4C	Burial Ground	N/A	C4057
200W	200-SW-2	218-W-4C	Burial Ground	N/A	C4058
200W	200-PW-1	216-Z-12	Crib	CPT-1A	C3551
200W	200-PW-1	216-Z-1A	Crib	CPT-2	C3552
200W	200-PW-1	216-Z-9	Crib	CPT-3	C3553
200W	200-PW-1	216-Z-1A	Crib	CPT-4	C3554
200W	200-PW-1	216-Z-1A	Crib	CPT-4A	C3555
200W	200-PW-1	216-Z-1A	Crib	CPT-4B	C3556
200W	200-PW-1	216-Z-1A	Crib	CPT-4C	C3557
200W	200-PW-1	216-Z-1A	Crib	CPT-4D	C3558
200W	200-PW-1	216-Z-1A	Crib	CPT-4E	C3559
200W	200-PW-1	216-Z-1A	Crib	CPT-4F	C3560
200W	200-PW-1	216-Z-1A	Crib	CPT-4G	C3561
200W	200-PW-1	216-Z-1A	Crib	CPT-4H	C3562
200W	200-PW-1	216-Z-1A	Crib	CPT-4J	C3563
200W	200-PW-1	216-Z-1A	Crib	CPT-4L	C3564
200W	200-PW-1	216-Z-1A	Crib	CPT-4M	A9931
200W	200-PW-1	216-Z-1A	Crib	CPT-4N	A9932
200W	200-PW-1	216-Z-9	Crib	CPT-5	C3565
200W	200-PW-1	216-Z-1A	Crib	CPT-7A	C3566
200W	200-PW-1	216-Z-9	Crib	CPT-8A	C3567
200W	200-PW-1	216-Z-9	Crib	CPT-9A	C3568
200W	200-PW-1	216-Z-18	Crib	CPT-10	C3569
200W	200-PW-1	216-Z-9	Crib	CPT-11	C3570
200W	200-PW-1	216-Z-9	Crib	CPT-12	C3571
200W	200-PW-1	216-Z-1A	Crib	CPT-13A	C3572
200W	200-PW-1	216-Z-18	Crib	CPT-14A	C3573
200W	200-PW-1	216-Z-9	Crib	CPT-15	C3574
200W	200-PW-1	216-Z-9	Crib	CPT-16	C3575
200W	200-PW-1	216-Z-9	Crib	CPT-17	C3576
200W	200-PW-1	216-Z-9	Crib	CPT-18	C3577
200W	200-PW-1	216-Z-9	Crib	CPT-19	B8062
200W	200-PW-1	216-Z-1A	Crib	CPT-20	C3578
200W	200-PW-1	216-Z-9	Crib	CPT-21	C3579
200W	200-PW-1	216-Z-9	Crib	CPT-21A	C3580
200W	200-PW-1	216-Z-9	Crib	CPT-24	C3581
200W	200-PW-1	216-Z-9	Crib	CPT-25	C3582
200W	200-PW-1	216-Z-9	Crib	CPT-26	C3583
200W	200-PW-1	216-Z-9	Crib	CPT-27	C3584
200W	200-PW-1	216-Z-9	Crib	CPT-28	C3585
200W	200-PW-1	216-Z-9	Crib	CPT-29	C3586

Attachment 17, Figure 3

Table 2. List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-PW-1	216-Z-18	Crib	CPT-30	C3587
200W	200-PW-1	216-Z-12	Crib	CPT-31	C3588
200W	200-PW-1	216-Z-1A	Crib	CPT-32	C3589
200W	200-PW-1	216-Z-18	Crib	CPT-33	C3590
200W	200-PW-1	216-Z-18	Crib	CPT-34	C3591
200W	200-PW-1	216-Z-9	Crib	CPT W15-6	--
200W	200-PW-1	216-Z-9	Crib	CPT W15-84	--
200W	200-SW-2	218-W-4C	Burial Ground	71-01	--
200W	200-SW-2	218-W-4C	Burial Ground	71-02	--
200W	200-SW-2	218-W-4C	Burial Ground	71-03	--
200W	200-SW-2	218-W-4C	Burial Ground	71-04	--
200W	200-SW-2	218-W-4C	Burial Ground	71-05	--
200W	200-SW-2	218-W-4C	Burial Ground	71-06	--
200W	200-PW-1	216-Z-18	Crib	79-01	--
200W	200-PW-1	216-Z-12	Crib	79-02	--
200W	200-PW-1	216-Z-18	Crib	79-03	--
200W	200-PW-1	216-Z-18	Crib	79-04	--
200W	200-PW-1	216-Z-12	Crib	79-05	--
200W	200-PW-1	216-Z-1A	Crib	79-06	--
200W	200-PW-1	216-Z-18	Crib	79-07	--
200W	200-PW-1	216-Z-18	Crib	79-08	--
200W	200-PW-1	216-Z-18	Crib	79-09R	--
200W	200-PW-1	216-Z-18	Crib	79-10	--
200W	200-PW-1	216-Z-1A	Crib	79-11	--
200W	200-PW-1	216-Z-1A	Crib	79-12	--
200W	200-PW-1	216-Z-1A	Crib	79-13	--
200W	200-PW-1	216-Z-9	Crib	85-01R	--
200W	200-PW-1	216-Z-9	Crib	85-02	--
200W	200-PW-1	216-Z-1A	Crib	86-02	--
200W	200-PW-1	216-Z-9	Crib	86-03	--
200W	200-PW-1	216-Z-9	Crib	86-04	--
200W	200-PW-1	216-Z-9	Crib	86-05	--
200W	200-PW-1	216-Z-9	Crib	86-05-01	--
200W	200-PW-1	216-Z-9	Crib	86-06	--
200W	200-PW-1	216-Z-9	Crib	86-07R	--
200W	200-PW-1	216-Z-9	Crib	86-08	--
200W	200-PW-1	216-Z-9	Crib	86-09	--
200W	200-PW-1	216-Z-12	Crib	87-01R	--
200W	200-SW-2	218-W-4C	Burial Ground	87-02	--
200W	200-PW-1	216-Z-12	Crib	87-03	--
200W	200-PW-1	216-Z-1A	Crib	87-04	--
200W	200-PW-1	216-Z-1A	Crib	87-05	--
200W	200-PW-1	216-Z-1A	Crib	87-06	--
200W	200-PW-1	216-Z-1A	Crib	87-09	--
200W	200-SW-2	218-W-4C	Burial Ground	88-01	--
200W	200-SW-2	218-W-4C	Burial Ground	88-02	--
200W	200-PW-1	216-Z-9	Crib	93-01	--

Attachment 17 Figure 4

Table 2. List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-PW-1	216-Z-9	Crib	94-01	--
200W	200-PW-1	216-Z-9	Crib	94-02	--
200W	200-PW-1	216-Z-9	Crib	94-03R	--
200W	200-PW-1	216-Z-9	Crib	94-04	--
200W	200-PW-1	216-Z-9	Crib	94-05	--
200W	200-PW-1	216-Z-9	Crib	94-07	--
200W	200-PW-1	216-Z-9	Crib	94-08	--
200W	200-PW-1	216-Z-9	Crib	94-09	--
200W	200-PW-1	216-Z-9	Crib	94-10	--
200W	200-SW-2	218-W-4C	Burial Ground	95-01	--
200W	200-SW-2	218-W-4C	Burial Ground	95-02	--
200W	200-PW-1	216-Z-9	Crib	95-05	--
200W	200-PW-1	216-Z-9	Crib	95-06	--
200W	200-PW-1	216-Z-9	Crib	95-07	--
200W	200-PW-1	216-Z-9	Crib	95-08	--
200W	200-PW-1	216-Z-9	Crib	95-09	--
200W	200-PW-1	216-Z-9	Crib	95-10	--
200W	200-PW-1	216-Z-9	Crib	95-11	--
200W	200-PW-1	216-Z-9	Crib	95-12	--
200W	200-PW-1	216-Z-9	Crib	95-13	--
200W	200-PW-1	216-Z-9	Crib	95-14	--
200W	200-PW-1	216-Z-9	Crib	95-15	--
200W	200-SW-2	218-W-4B	Burial Ground	103-01	--
200W	200-SW-2	218-W-4B	Burial Ground	103-02	--
200W	200-SW-2	218-W-2	Burial Ground	111-01	--
200W	200-SW-2	218-W-2	Burial Ground	111-02	--
200W	200-SW-2	218-W-1	Burial Ground	111-03	--
200W	200-SW-2	218-W-11	Burial Ground	119-01	--
200W	200-SW-2	218-W-4A	Burial Ground	119-02	--
200W	200-PW-1	216-Z-18	Crib	C-1	--
200W	200-PW-1	216-Z-18	Crib	N-2	--
200W	200-PW-1	216-Z-18	Crib	N-4	--
200W	200-PW-1	216-Z-1A	Crib	N-5	--
200W	200-PW-1	216-Z-1A	Crib	N-6	--
200W	200-PW-1	216-Z-12	Crib	N-7	--
200W	200-PW-1	216-Z-12	Crib	N-9	--
200W	200-PW-1	216-Z-18	Crib	W-1	--
200W	200-PW-1	216-Z-12	Crib	W-5	--
200W	200-SW-2	218-W-4C	Burial Ground	RST 2-2	--
200W	200-SW-2	218-W-4C	Burial Ground	RST 2-3	--
200W	200-SW-2	218-W-4C	Burial Ground	RST 2-4	--
200W	200-PW-1	216-T-19	Crib	RST 4-1	--
200W	200-PW-1	216-T-19	Crib	RST 4-2	--
200W	200-PW-1	216-T-19	Crib	RST 4-3	--
200W	200-SW-2	218-W-4C	Burial Ground	C5788	C5788
200W	200-SW-2	218-W-4C	Burial Ground	C5789	C5789
200W	200-SW-2	218-W-4C	Burial Ground	C5790	C5790
200W	200-SW-2	218-W-4C	Burial Ground	C5791	C5791

Attachment 17, Figure 5

Table 2. List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-SW-2	218-W-4C	Burial Ground	C5792	C5792
200W	200-SW-2	218-W-4C	Burial Ground	C5793	C5793
200W	200-SW-2	218-W-4C	Burial Ground	C5794	C5794
200W	200-SW-2	218-W-4C	Burial Ground	C5795	C5795
200W	200-SW-2	218-W-4C	Burial Ground	C5796	C5796
200W	200-SW-2	218-W-4C	Burial Ground	C5797	C5797
200W	200-SW-2	218-W-4C	Burial Ground	C5798	C5798
200W	200-SW-2	218-W-4C	Burial Ground	C5799	C5799
200W	200-SW-2	218-W-4C	Burial Ground	C5800	C5800
200W	200-SW-2	218-W-4C	Burial Ground	C5801	C5801
200W	200-SW-2	218-W-4C	Burial Ground	C5802	C5802
200W	200-SW-2	218-W-4C	Burial Ground	C5803	C5803
200W	200-SW-2	218-W-4C	Burial Ground	C5804	C5804
200W	200-SW-2	218-W-4C	Burial Ground	C5805	C5805
200W	200-SW-2	218-W-4C	Burial Ground	C5806	C5806
200W	200-SW-2	218-W-4C	Burial Ground	C5807	C5807
200W	200-SW-2	218-W-4C	Burial Ground	C5808	C5808
200W	200-SW-2	218-W-4C	Burial Ground	C5809	C5809
200W	200-SW-2	218-W-4C	Burial Ground	C5810	C5810
200W	200-SW-2	218-W-4C	Burial Ground	C5811	C5811
200W	200-SW-2	218-W-4C	Burial Ground	C5812	C5812
200W	200-SW-2	218-W-4C	Burial Ground	C5813	C5813
200W	200-SW-2	218-W-4C	Burial Ground	C5814	C5814
200W	200-SW-2	218-W-4C	Burial Ground	C5815	C5815
200W	200-SW-2	218-W-4C	Burial Ground	C5816	C5816
200W	200-SW-2	218-W-4C	Burial Ground	C5817	C5817
200W	200-SW-2	218-W-4C	Burial Ground	C5818	C5818
200W	200-SW-2	218-W-4C	Burial Ground	C5819	C5819
200W	200-SW-2	218-W-4C	Burial Ground	C5820	C5820
200W	200-SW-2	218-W-4C	Burial Ground	C5821	C5821
200W	200-SW-2	218-W-4C	Burial Ground	C5822	C5822
200W	200-SW-2	218-W-4C	Burial Ground	C5823	C5823
200W	200-SW-2	218-W-4C	Burial Ground	C5824	C5824
200W	200-SW-2	218-W-4C	Burial Ground	C5825	C5825
200W	200-SW-2	218-W-4C	Burial Ground	C5826	C5826
200W	200-SW-2	218-W-4C	Burial Ground	C5827	C5827
200W	200-SW-2	218-W-4C	Burial Ground	C5828	C5828
200W	200-SW-2	218-W-4C	Burial Ground	C5829	C5829
200W	200-SW-2	218-W-4C	Burial Ground	C5830	C5830
200W	200-SW-2	218-W-4C	Burial Ground	C5831	C5831
200W	200-SW-2	218-W-4C	Burial Ground	C5832	C5832
200W	200-SW-2	218-W-4C	Burial Ground	C5833	C5833
200W	200-SW-2	218-W-4C	Burial Ground	C5834	C5834
200W	200-SW-2	218-W-4C	Burial Ground	C5835	C5835
200W	200-SW-2	218-W-4C	Burial Ground	C5836	C5836
200W	200-SW-2	218-W-4C	Burial Ground	C5837	C5837
200W	200-SW-2	218-W-4C	Burial Ground	C5838	C5838
200W	200-SW-2	218-W-4C	Burial Ground	C5839	C5839

Attachment 17, Figure 6

Table 2. List of 200-PW-1 Soil Vapor Probes to be Characterized Using Geophysical Methods and/or Soil Vapor Sampling

Area	Operable Unit	Waste Site Code	Site Type	Hanford Well Name	Hanford Well ID
200W	200-SW-2	218-W-4C	Burial Ground	C5840	C5840
200W	200-SW-2	218-W-4C	Burial Ground	C5841	C5841
200W	200-SW-2	218-W-4C	Burial Ground	C5842	C5842
200W	200-SW-2	218-W-4C	Burial Ground	C5843	C5843
200W	200-SW-2	218-W-4C	Burial Ground	C5844	C5844
200W	200-SW-2	218-W-4C	Burial Ground	C5845	C5845
200W	200-SW-2	218-W-4C	Burial Ground	C5846	C5846
200W	200-SW-2	218-W-4C	Burial Ground	C5847	C5847
200W	200-SW-2	218-W-4C	Burial Ground	C5848	C5848
200W	200-SW-2	218-W-4C	Burial Ground	C5849	C5849
200W	200-SW-2	218-W-4C	Burial Ground	C5850	C5850
200W	200-SW-2	218-W-4C	Burial Ground	C5851	C5851
200W	200-SW-2	218-W-4C	Burial Ground	C6137	C6137
200W	200-SW-2	218-W-4C	Burial Ground	C6138	C6138
200W	200-SW-2	218-W-4C	Burial Ground	C6139	C6139
200W	200-SW-2	218-W-4C	Burial Ground	C6140	C6140
200W	200-SW-2	218-W-4C	Burial Ground	C6141	C6141
200W	200-SW-2	218-W-4C	Burial Ground	C6142	C6142
200W	200-SW-2	218-W-4C	Burial Ground	C6143	C6143
200W	200-SW-2	218-W-4C	Burial Ground	C6144	C6144
200W	200-SW-2	218-W-4C	Burial Ground	C6145	C6145
200W	200-SW-2	218-W-4C	Burial Ground	C6146	C6146
200W	200-SW-2	218-W-4C	Burial Ground	C6147	C6147
200W	200-SW-2	218-W-4C	Burial Ground	C6148	C6148
200W	200-SW-2	218-W-4C	Burial Ground	C6149	C6149
200W	200-SW-2	218-W-4C	Burial Ground	C6150	C6150
200W	200-SW-2	218-W-4C	Burial Ground	C6151	C6151
200W	200-SW-2	218-W-4C	Burial Ground	C6152	C6152
200W	200-SW-2	218-W-4C	Burial Ground	C6153	C6153
200W	200-SW-2	218-W-4C	Burial Ground	C6154	C6154
200W	200-SW-2	218-W-4C	Burial Ground	C6155	C6155
200W	200-SW-2	218-W-4C	Burial Ground	C6156	C6156
200W	200-SW-2	218-W-4C	Burial Ground	C6157	C6157
200W	200-SW-2	218-W-4C	Burial Ground	C6158	C6158
200W	200-SW-2	218-W-4C	Burial Ground	C6159	C6159
200W	200-SW-2	218-W-4C	Burial Ground	C6160	C6160
200W	200-SW-2	218-W-4C	Burial Ground	C6161	C6161
200W	200-SW-2	218-W-4C	Burial Ground	C6162	C6162
200W	200-SW-2	218-W-4C	Burial Ground	C6163	C6163
200W	200-SW-2	218-W-4C	Burial Ground	C6164	C6164
200W	200-SW-2	218-W-4C	Burial Ground	C6165	C6165
200W	200-SW-2	218-W-4C	Burial Ground	C6166	C6166
200W	200-SW-2	218-W-4C	Burial Ground	C6167	C6167
200W	200-SW-2	218-W-4C	Burial Ground	C6168	C6168
200W	200-SW-2	218-W-4C	Burial Ground	C6169	C6169
200W	200-SW-2	218-W-4C	Burial Ground	C6170	C6170
200W	200-SW-2	218-W-4C	Burial Ground	C6171	C6171

From: Decker, Jay S
Sent: Tuesday, November 20, 2007 7:49 AM
To: Williams, Janice D
Subject: FW: Request for Advance Approval to Initiate Supplemental Characterization

-----Original Message-----

From: Cameron.Craig@epamail.epa.gov [mailto:Cameron.Craig@epamail.epa.gov]
Sent: Wednesday, November 14, 2007 4:59 PM
To: Foley, Bryan L
Cc: Charboneau, Briant L; Decker, Jay S; Price, John (ECY); Brunke, Ronald C;
Ceto.Nicholas@epamail.epa.gov; Lobos.Rod@epamail.epa.gov; Buelow.Laura@epamail.epa.gov;
Faulk.Dennis@epamail.epa.gov; Post.Tom@epamail.epa.gov
Subject: RE: Request for Advance Approval to Initiate Supplemental Characterization

Bryan,

EPA agrees with the redline changes to the draft supplemental characterization RI/FS work plan that were discussed at recent project-level meetings. We agree that DOE may proceed with field characterization activities for EPA-lead sites according to the draft work plan. Since there is not an approved work plan in place, it should be noted that DOE is proceeding at risk. However, this risk is minimized by following the draft work plan and by the eventual finalization and approval of that same plan. Once the DOE letter is reissued, EPA will respond more formally with a letter.

Please contact me if you have questions.

Craig Cameron
U.S. Environmental Protection Agency
Hanford Project Office
309 Bradley Blvd, Suite 115
Richland, WA 99352
Phone: 509 376-8665
Fax: 509 376-2396
E-mail: cameron.craig@epa.gov

"Foley, Bryan L"
<Bryan_L_Foley@R
L.gov>

11/14/2007 04:26
PM

To
Craig Cameron/R10/USEPA/US@EPA
cc
"Price, John (ECY)"
<jpri461@ecy.wa.gov>, "Decker,
Jay S" <Jay_S_Decker@rl.gov>,
"Brunke, Ronald C"
<Ronald_C_Brunke@rl.gov>,
"Charboneau, Briant L"
<Briant_L_Charboneau@rl.gov>
Subject:
RE: Request for Advance Approval
to Initiate Supplemental
Characterization

Attachment 18, Figure 2

Craig,

Based on our latest phone conversation on this subject and the forthcoming reissue of letter AMCP-0011, RL is requesting EPA approval to begin field activities for EPA lead OUs (e.g. 200-SC-1) in accordance with the Work Plan, Sampling and Analysis Plan, and Site-Specific Field Sampling Plans in Addendum 1 of the Work Plan. EPA has been provided the redlined version of the Work Plan and Sampling and Analysis Plan; RL has worked additional comments on the redline and feels that any issues involving work scope for the field activities have been resolved.

Therefore, RL is requesting advanced approval for the field work while the document undergoes final updating and final regulatory agency approval. This will allow RL to initiate field work and recover some schedule associated with delays in getting approval of the Work Plan.

Thanks!

Bryan L. Foley
Bryan L. Foley
AMCP/DOE-Richland
(509)376-7087

From: Price, John (ECY) [mailto:Jpri461@ecy.wa.gov]
Sent: Thursday, November 08, 2007 12:13 PM
To: Foley, Bryan L
Subject: RE: Reissue request from Ecology re: 08-AMCP-0011

Thank-you for your prompt attention to this issue. I have no concerns.

From: Foley, Bryan L [mailto:Bryan_L_Foley@RL.gov]
Sent: Thu 11/8/2007 12:07 PM
To: Price, John (ECY); Cameron.Craig@epamail.epa.gov
Cc: Brunke, Ronald C
Subject: Reissue request from Ecology re: 08-AMCP-0011

John, Craig:

The attached files support the reissuance of Letter # 08-AMCP-0011 from RL to EPA and Ecology. I am providing you an advance copy for your information. Please let me know if you have any concerns. The letter is the same but the attachment has been converted from the original email attachment to an RCR form attachment. This reissuance is being done to respond to Ecology (J. Price) objection (email message dated 10/26 from price to D. Shoop) to attaching an email message as opposed to a more formal document format.

Thanks!

Bryan L. Foley
Bryan L. Foley
AMCP/DOE-Richland
(509)376-7087

----- Message from "Foley, Bryan L" <Bryan_L_Foley@rl.gov> on Tue, 6 Nov 2007 11:13:30 -0800 -----

To: "Price, John (ECY)" <jpri461@ecy.wa.gov>,
<Cameron.Craig@epamail.epa.gov>

cc: "Decker, Jay S" <Jay_S_Decker@rl.gov>, "Brunke, Ronald C"

Attachment 18, Figure 3

<Ronald_C_Brunke@rl.gov>

Subject RE: Waste Control Plan for characterization of the 216-A-30 and
t: 216-B-55

John, Craig,

In response to John's question as to whether or not there is a waste control plan in place to support DOE's request of EPA & Ecology for advance approval to begin characterization work prior to formal approval of the Rev. 0 Supplemental RI/FS work plan, as you can see from the message below there is an existing waste control plan to support the A-30 and B-55 work.

Bryan

From: Decker, Jay S
Sent: Tuesday, November 06, 2007 11:03 AM
To: Foley, Bryan L
Subject: Waste Control Plan for characterization of the 216-A-30 and
216-B-55

Bryan,

The waste control plan to be used for characterization of the 216-A-30 and 216-B-55 waste sites is the "Waste Control Plan for the 200-CW-5, 200-CW-2, 200-CW-4, and 200-SC-1 Operable Units", WMP-24648, Rev. 0 (FH-0702230).

Regards,

Jay S. Decker
O: 376-4416
C: 528-0808